



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

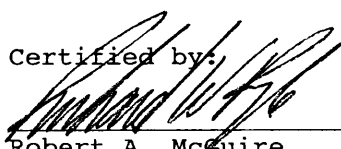
**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0065/S, REVISION 7**

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - Model SR CF-1000 Series neutron sources manufactured by either the Savannah River Laboratory or the Oak Ridge National Laboratory (ORNL).
2. Source Description - This source is inert gas welded, single encapsulation constructed of Type 304L stainless steel. The capsule is 30.2 mm (1.19") in diameter, 140 mm (5.5") in length and has a minimum wall thickness of 1.15 mm (0.045"). The source shall be constructed in accordance with E.I. DuPont Nemours and Co. drawing no. ST3-18567 (attached).
3. Radioactive Contents - This source consists of not more than 1.9 TBq (52 Ci) of Cf-252 as an oxide or cermet.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires November 1, 2005.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated October 18, 2000 submitted by Department of Energy, Washington, DC, and in consideration of other information on file in this Office.

Certified by:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

NOV - 6 2000

(DATE)

Revision 7 - issued to extend the expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990" , published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

Analyze this print for
SAFETY CONSIDERATIONS

